



Contact: Brian Eastman
Chairman, Eastham Energy Committee
508-240-5900
easthamwind@eastham-ma.gov

FOR IMMEDIATE RELEASE

EasthamWind DID YOU KNOW?

>Wind energy is ample, [renewable](#), widely distributed, clean, and [mitigates](#) the [greenhouse effect](#) if used to offset or replace fossil-fuel-derived electricity.

>At the end of 2006, the U.S. [ranked](#) 3rd in the world with 11,603MW installed, enough electricity to serve 2.9 million American homes.

***BENEFIT:** This 100% clean source of electricity will displace approximately 23 million tons of carbon dioxide – the leading greenhouse gas – each year, which would otherwise be emitted by coal, natural gas, oil and other traditional energy sources.*

> U.S. wind power capacity increased by 27% in 2006, ranking U.S. 1st in new installed capacity with 2,454MW. There are now over 19,000 U.S. wind turbines.

> At the end of 2006, worldwide capacity of wind-powered generators was 74,223 [megawatts](#) and grew by 32% in 2006, a record year.

> In 2006, new utility-scale turbines were installed in a total of 20 states across the country, from Maine to New Mexico to Alaska.

> [Cape Light Compact](#) estimates that electric use on Cape Cod will increase by 30% from 2002 to 2015, and will create the need for increased electric supply.

> One megawatt of wind power will [service 250 to 300 homes](#) each day. EasthamWind will power 1500 to 1800 homes.

> There are **NO reports** of **PUBLIC INJURY** or **PUBLIC FATALITY** due to turbine malfunction or collapse, or blade throw, or ice throw in the U.S. ➔ **EVER!**

> At 750 feet, [the danger](#) of being hit by ice fragments is 10⁻⁶, one-in-a-million.

> Hull 2 closest home sits just 425ft away. There are more homes at 500ft & 600ft & 700ft, 800ft. Hull 1 sits just 265ft from a public school!

> Mass Maritime's turbine sits 525ft from the Beachmoor Inn & Restaurant.

> The IBEW turbine in Boston sits 200ft from the SoEast Expressway.

> [Massachusetts DEP regulates noise control \(310CMR 7.10\)](#) allowing 10decibels over ambient conditions.

The Eastham Energy Committee (EEC) is a 5 person committee, all resident volunteers who are dedicated to bringing economical, renewable energy to the town of Eastham, Massachusetts. The committee was formed in 2003 with the goal of exploring the viability of wind energy in Eastham. The EEC is supported and funded by the Massachusetts Technology Collaborative. For more information visit: www.eastham-ma.gov.